*****This is only a preview of the examination questions. To take the actual examination, please go back to the official bulletin and click the examination link.*****

Training and Experience Evaluation

Research Scientist 1

Servicewide

The California civil service selection system is merit-based and eligibility for appointment is established through a formal examination process. This examination consists of a Training and Experience evaluation used to evaluate your education, training and experience relevant to the position.

This Training and Experience evaluation is a scored component accounting for 100% of your rating in the examination process. It is important to complete the questionnaire carefully and accurately. Your responses are subject to verification before appointment to a position.

Instructions:
Rate your experience performing specific job-related tasks.

Respond to each of the following statements by indicating how the statement applies to you. You are required to respond to every question and provide relevant examples. Also, indicate the references who can verify the information provided.

In responding to each statement, you may refer to your EDUCATION or WORK EXPERIENCE, whether paid or volunteer work that you have completed.

PLEASE NOTE: This examination is designed to gain an overall assessment of your education and experience as it directly relates to the duties and the knowledge, skills and abilities required for this position. Possession of specific education is **not** required to be successful in this examination; however, such achievements may substitute for desirable levels of experience. All components of this examination have been carefully validated by tying them directly to job requirements and documenting their relevance to the position.

Tasks:

1. Plan and organize scientific research studies of limited scientific scope and complexity.
2. Carry out scientific research studies of limited scientific scope and complexity.
3. Serve as a team member on health projects and investigations on a specific phase of a more complex scientific study.
4. Act as a technical scientific consultant on health projects and investigations on a specific phase of a more complex scientific study.
5. Make independent decisions in a very limited or restricted area of a specific scientific field.
6. Solve problems using standard principles, procedures, and techniques for their scientific area of expertise when fully trained.
7. Collect scientific data in support of health research.
8. Interpret scientific data in support of health research.
9. Develop and maintain a current understanding of latest scientific methods and statistical techniques relevant for the type of studies undertaken.
10. Accumulate and maintain scientific literature relevant to scientific investigations and statistical methods.
11. Present findings at internal and external agency meetings and conferences.
12. Contact other parties when necessary for retrieving data for study purposes.
13. Apply principles and procedures of scientific research planning, design, methodology and analysis.
14. Use methods of preparation of scientific research reports.
15. Determine, qualify, and compile variables of scientific data.

16. Use current scientific statistical methods and procedures, including both qualitative and quantitative.
17. Use data processing and analysis techniques, specifically knowledge of data analysis software in addition to Microsoft Excel.
18. Establish and maintain cooperative relationships with professional staff and with officials of Federal, State, local, university and private research organizations.
19. Communicate effectively, both verbally and in writing, to peer, management, and lay audiences.
20. Prepare and draft detailed scientific reports for publication.
21. Apply professional scientific knowledge and administrative ability to resolve a variety of situations.
22. Analyze situations accurately and take effective action.
23. Provide information to higher-level scientists in support of decisions on scientific research.
24. Interpret scientific findings and present to higher-level scientists.
25. Apply established guidelines and scientific techniques.
26. Apply security and privacy policies when using confidential and sensitive data.